

DATE: May 28, 2020

TO: Todd Wyett, Chairman
State Transportation Commission

FROM: Paul C. Ajegba
Director

SUBJECT: **Waiver of Commission Approval**

The projects and descriptions documented in Exhibit A, attached, are contracts between the Michigan Department of Transportation, local public agencies, rail, and passenger transportation. These contracts require approval of the State Transportation Commission (STC). The approximate 8-week delay if Commission approval were deferred to the next STC meeting of July 23, 2020, would result in a delay in transmittal of funds, jeopardize project schedules, and transportation services.

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on June 5, and July 24, 2020. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate 8-week delay resulting if Commission pre-approval were deferred to the next STC meeting on July 23, 2020, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The projects and descriptions documented in Exhibit A-2, attached, were let by the Michigan Department of Transportation on April 3, and May 1, 2020. The low bids received were more than 10% over the engineers' estimate, or only received one bid, and therefore require approval by the STC. The approximate 8-week delay resulting if Commission approval were deferred to the next STC meeting on July 23, 2020, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedule.

The projects and descriptions documented in Exhibit A-3, attached, were let on May 1, 2020. These projects are being submitted for informational purposes since only one bid was received for these projects and the engineers' estimate was less than \$500,000.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

"If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days."

If the waiver is granted, the Department will proceed to execute the items noted above.

Signed copy on file

Director

The request for waiver of Commission approval of the above-mentioned item is approved.

Signed copy on file

May 27, 2020

Todd Wyett, Chairman

Date

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

May 28, 2020

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

CONTRACTS

1. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2020-5217) between MDOT and the City of Buchanan will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Hot mix asphalt cold milling and resurfacing work along Schirmer Parkway from East Front Street to River Street and along 4th Street from Detroit Street to the west city limits of Buchanan, including single course chip seal at various locations citywide.

Estimated Funds:

State Restricted TED Funds	\$138,450
City of Buchanan Funds	<u>\$138,450</u>
Total Funds	<u>\$276,900</u>

EDB 11000 – 210345; Berrien County
Local Letting

2. HIGHWAYS - Participation for Local Agency Force Account Work
Contract (2020-5219) between MDOT and the Alcona County Road Commission will provide for funding participation in the construction of the following improvements:

Single course chip seal and fog seal work along County Road F-41 from the Village of Lincoln north village limit to Highway US-23.

Estimated Funds:

State Restricted Trunkline Funds	<u>\$225,000</u>
Total Funds	<u>\$225,000</u>

M 01000 – 210347CON; Alcona County
Local Force Account

3. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2020-5221) between MDOT and the City of Norway will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt crushing, shaping, and resurfacing work along Pine Creek Road from 15th Avenue to approximately 0.61 miles east of 15th Avenue, including approach, guardrail installation, pavement marking, traffic control, and restoration work.

Estimated Funds:

State Restricted TED Funds	\$123,000
FHWA STP – Rural Funds	\$ 92,800
City of Norway Funds	\$ 0
Total Funds	<u>\$215,800</u>

EDD 22000 – 129712; Dickinson County
Letting of 6/5/2020

4. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2020-5225) between MDOT and the Gogebic County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category D Funds:

Hot mix asphalt crushing, shaping, and resurfacing work along Planter Road from Thomaston Road to Chippewa Drive and along Chippewa Drive from Planter Road to the terminus of Chippewa Drive, including aggregate base, gravel shoulder, and railroad crossing removal work.

Estimated Funds:

State Restricted TED Funds	\$342,300
Gogebic County Road Commission Funds	\$ 85,600
Total Funds	<u>\$427,900</u>

EDD 27000 – 209146
Letting of 6/5/2020

5. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2020-5234) between MDOT and the Village of Laurium will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

PART A

Hot mix asphalt base crushing, shaping, and resurfacing work along 1st Street from Kearsarge Street to Isle Royale Street, including concrete sidewalk and ramp, and permanent pavement marking work.

PART B

Hot mix asphalt base crushing, shaping, and resurfacing work along Old Colony Road from Amygdaloid Street to North Florida Street.

* Denotes a non-standard contract/amendment

Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
State Restricted TED Funds	\$ -0-	\$ 75,000	\$ 75,000
FHWA STP – Rural Funds	\$236,199	\$ -0-	\$236,199
Village of Laurium Funds	<u>\$ 79,401</u>	<u>\$107,400</u>	<u>\$186,801</u>
Total Funds	<u>\$315,600</u>	<u>\$182,400</u>	<u>\$498,000</u>

STUL 31000 – 209561; Houghton County
Letting of 7/10/2020

6. HIGHWAYS - Participation for Local Agency Construction Contract

Amendatory Contract (2020-5236) between MDOT and the Midland County Road Commission will provide for participation in the following improvements:

Permanent culvert and roadway repair work at Poseyville Road over Jo Drain.

The purpose of this amendment is to provide for an increase in federal participation in the construction engineering, construction materials testing, and inspection work from 4.0 percent to 8.5 percent of the actual contracted physical construction cost and the corresponding increase in the estimated project cost.

Estimated Funds:

	<u>ORIGINAL</u>	<u>AMEND.</u>	<u>TOTAL</u>
Federal Highway Administration Funds	\$410,400	\$17,500	\$427,900
Midland County Road Commission Funds	<u>\$102,600</u>	<u>\$ 4,400</u>	<u>\$107,000</u>
Total Funds	<u>\$513,000</u>	<u>\$21,900</u>	<u>\$534,900</u>

ER 56000 – 201249
Amendment

7. HIGHWAYS - Participation for Local Agency Construction Contract

Amendatory Contract (2020-5237) between MDOT and the Midland County Road Commission will provide for participation in the following improvements:

Permanent culvert and roadway repair work at Shaffer Road over Bliss Creek.

The purpose of this amendment is to provide for an increase in federal participation in the construction engineering, construction materials testing, and inspection work from 4.0 percent to 7.8 percent of the actual contracted physical construction cost, and the corresponding increase in the estimated project cost.

Estimated Funds:

	<u>ORIGINAL</u>	<u>AMEND.</u>	<u>TOTAL</u>
Federal Highway Administration Funds	\$447,800	\$17,700	\$465,500
Midland County Road Commission Funds	<u>\$112,000</u>	<u>\$ 4,400</u>	<u>\$116,400</u>
Total Funds	<u>\$559,800</u>	<u>\$22,100</u>	<u>\$581,900</u>

ER 56000 – 201251
Amendment

* Denotes a non-standard contract/amendment

8. HIGHWAYS - Participation for State Local Bridge Construction Contract
Contract (2020-5240) between MDOT and the City of Lapeer will provide for funding participation in the construction of the following improvements under the State Local Bridge Program:

PART A

Rehabilitation work for structure 5322, which carries Imlay City Road over the south branch of the Flint River, structure 5484, which carries Mason Street over Farmers Creek, and structure 12765, which carries McCormick Drive Extension over Hunters Creek, Section 5, T07N, R10E, City of Lapeer, Lapeer County, Michigan, including deck epoxy healer/sealer, deck patching, substructure patching, approach stabilization, and maintenance of traffic work.

PART B

Rehabilitation work for structure 5485, which carries Fox Street over Farmers Creek, and structure 12962, which carries DeMille Road over the Canadian National and Grand Trunk Western railroad tracks, Section 5, T07N, R10E, City of Lapeer, Lapeer County, Michigan, including deck epoxy healer/sealer, deck patching, substructure patching, approach stabilization, and maintenance of traffic work.

Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
State Restricted Trunkline Funds	\$118,500	\$81,300	\$199,800
City of Lapeer Funds	<u>\$ 6,200</u>	<u>\$ 4,300</u>	<u>\$ 10,500</u>
Total Funds	<u>\$124,700</u>	<u>\$85,600</u>	<u>\$210,300</u>

MCS 44000 – 202389, 202393
Letting of 07/10/2020

9. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2020-5243) between MDOT and the City of Stephenson will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Hot mix asphalt base crushing, shaping, and resurfacing work along Section Street from Robert Street to Division Street, including concrete curb and gutter, sidewalk, ramp, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 85,000
City of Stephenson Funds	<u>\$ 85,000</u>
Total Funds	<u>\$170,000</u>

EDB 55000 – 210592; Menominee County
Local Letting

10. PASSENGER TRANSPORTATION – Michigan Mobility Challenge
Project Authorization (8) Revision (3) under Master Agreement (2017-0008) between MDOT and the Ann Arbor Area Transportation Authority (AAATA) will extend the authorization term by six months to provide sufficient time for AAATA to complete the demonstration project. AAATA has experienced delays while working through data sharing issues necessary to ensure a complete evaluation and final report. The original authorization provides 100 percent state funds under the FY 2019 Michigan Mobility Challenge for autonomous wheelchair securement systems in buses. The revised authorization term will be December 11, 2018, through December 10, 2020. The authorization amount remains unchanged at \$157,000. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Transportation Funds - \$157,000.
11. PASSENGER TRANSPORTATION - Michigan Mobility Challenge
Project Authorization (8) Revision (3) under Master Agreement (2017-0027) between MDOT and the Capital Area Transportation Authority (CATA) will extend the authorization term by one year to provide sufficient time for CATA to complete the mobile application, sensor improvements, and testing required for fixed-route service. The original authorization provides 100 percent state funds for a demonstration project to improve public transportation for people with visual disabilities through greater communication between riders, bus stops, and bus operators. The revised authorization term will be November 27, 2018, through May 26, 2021. The authorization amount remains unchanged at \$464,910. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Transportation Funds - \$464,910.
12. PASSENGER TRANSPORTATION - Michigan Mobility Challenge
Project Authorization (3) Revision (3) under Master Agreement (2017-0067) between MDOT and the Huron Transit Corporation will extend the authorization term by approximately eight months to provide sufficient time for the Agency to complete the project. The project is experiencing supply chain disruptions and lack of availability of in-vehicle hardware needed to complete the project. The original authorization provides 100 percent state funding for a demonstration of advanced mobile and online technologies to enhance customer mobility access and improve regional transit coordination among Huron, Sanilac, and portions of Tuscola Counties. The revised authorization term will be November 20, 2018, through December 31, 2020. The authorization amount remains unchanged at \$435,640. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 and FY 2019 State Transportation Funds - \$435,640.
13. PASSENGER TRANSPORTATION - Section 5311 Capital Program
Project Authorization (5) Revision (1) under Master Agreement (2017-0080) between MDOT and the Lenawee County Board of Commissioners will extend the authorization term by one year to provide sufficient time for the Board to complete the tire purchase. The additional time is needed because of delays in the procurement process and the tire solicitation. The original authorization provides state matching funds for the FY 2017 Federal Section 5311 Formula Grants for Rural Areas Program, Surface Transportation Program, Congestion Mitigation and Air Quality Improvement Program, and Small Cities Program grant for the purchase of vehicles and equipment. The revised authorization term will be September 22, 2017, through September 21, 2021. The authorization amount remains unchanged at \$309,812. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$247,850; FY 2017 State Restricted Comprehensive Transportation Funds - \$61,962.

14. RAIL – Installation of Rail Lubricators
Project Authorization (25) Revision (2) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization term by nine months to provide sufficient time for final invoicing and for the installation of one additional rail lubricator at no additional cost. The original authorization provided for the installation of 13 rail lubricators from Kalamazoo to Dearborn. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The revised authorization term will be December 3, 2018, through December 31, 2020. The authorization amount remains unchanged at \$307,299. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$307,299.
15. *RAIL – Freight Economic Development Program
Contract (2020-0564) between MDOT and FCA US, LLC, will provide financial assistance in the form of a grant for the addition of a track to a rail yard that will serve the new FCA US, LLC, assembly plant in Detroit, Michigan. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The estimated project cost is \$1,287,800. MDOT will reimburse FCA US, LLC, 50 percent of the project cost up to a maximum amount of \$643,900. Source of Funds: FY 2020 State Restricted Comprehensive Transportation Funds - \$643,900; FCA US, LLC, Funds - \$643,900.
16. *TRANSPORTATION PLANNING - Jurisdictional Transfer
Memorandum of Understanding (MOU) (2020-0602) between MDOT and the Grand Traverse County Road Commission will transfer jurisdiction of M-137 from the northern terminus of M-137 at US-31 south to the southern terminus of M-137 at Vagabond Lane, a distance of approximately 2.88 miles, from MDOT to the Grand Traverse County Road Commission. MDOT completed an engineer's estimate of the necessary renovation, repair, and/or construction work and the estimated cost necessary to bring this road segment up to a reasonable acceptable standard, in accordance with MCL 247.858. In accordance with the engineer's estimate, MDOT will provide the Road Commission with \$760,084.86 in state funding for the construction of improvements to the roadway segment. Jurisdiction will transfer upon the date of award of the MOU. Source of Funds: 100% State Restricted Trunkline Funds.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION

COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

May 28, 2020

The following contracts are being submitted for approval.

STATE PROJECTS

TRUNKLINE CONTRACTS

- | | | |
|----|---|---|
| 1. | Letting of June 5, 2020
Letting Call: 2006 001
Project: NH 40022-209671
Local Agreement:
Start Date: 10 days after award
Completion Date: July 3, 2021 | Prequalification Level:
\$13,759,000.00 |
|----|---|---|

16.91 mi of hot mix asphalt crushing, shaping and resurfacing, trenching, drainage, tree removal, guardrail and pavement markings on M-72 from US-131 easterly to the Crawford County line, Kalkaska County. This project includes a 5-year materials and workmanship pavement warranty.

3.00 % DBE participation required

- | | | |
|----|---|--|
| 2. | Letting of June 5, 2020
Letting Call: 2006 009
Project: M 63031-209885
Local Agreement:
Start Date: July 8, 2020
Completion Date: October 31, 2020 | Prequalification Level:
\$697,000.00 |
|----|---|--|

Drainage structure improvements at multiple locations on various routes, Oakland County.

0.00 % DBE participation required

- | | | |
|----|---|--|
| 3. | Letting of June 5, 2020
Letting Call: 2006 011
Project: M 17071-209661
Local Agreement:
Start Date: July 6, 2020
Completion Date: August 6, 2021 | Prequalification Level:
\$1,499,000.00 |
|----|---|--|

Epoxy overlay, deck patching, joint and bearing replacement, substructure patching, zone painting and guardrail work on M-129 over the Munuscong River, Mackinac and Chippewa Counties. This project includes a 5-year performance warranty.

0.00 % DBE participation required

4. Letting of June 5, 2020
Letting Call: 2006 014
Project: M 33084-208292
Local Agreement:
Start Date: July 27, 2020
Completion Date: June 1, 2021
- Prequalification Level:
\$1,401,000.00

Bridge rehabilitation of 7 structures including epoxy overlay, concrete barrier and partial deck replacement, substructure repair, deck patching and scaling, heat straightening, partial painting, rocker realignment, structural crack repair, resealing joints, guardrail and approach work on US-127 from Kipp Road north to M21 in the city of Mason, Ingham and Clinton Counties. This project includes a 5-year epoxy overlay performance warranty.

0.00 % DBE participation required

5. Letting of June 5, 2020
Letting Call: 2006 015
Project: NH 29031-208861
Local Agreement:
Start Date: September 9, 2020
Completion Date: October 8, 2020
- Prequalification Level:
\$919,000.00

2.40 mi of hot mix asphalt micro cold milling and ultra-thin resurfacing, joint repairs and pavement markings on US-127BR from the Pine River to State Road, Gratiot County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

6. Letting of June 5, 2020
Letting Call: 2006 016
Project: ST 26000-204816
Local Agreement:
Start Date: September 9, 2020
Completion Date: October 16, 2020
- Prequalification Level:
\$1,100,000.00

5.40 mi of hot mix asphalt micro cold milling and ultra-thin resurfacing, joint repairs and pavement markings on M-18 from the Midland/Gladwin County line northerly to Burgess Road in the city of Beaverton, Midland and Gladwin Counties. This project includes a 2-year pavement performance warranty.

2.00 % DBE participation required

7. Letting of June 5, 2020
Letting Call: 2006 017
Project: M 46062-209982
Local Agreement:
Start Date: July 6, 2020
Completion Date: September 11, 2020
- Prequalification Level:
\$663,000.00
- 1.84 mi of hot mix asphalt cold milling and single course resurfacing and pavement markings on US-223 from Division Street to Norfolk Southern Railroad crossing and from Humphrey Highway to west of Van Highway, Lenawee County.
- 0.00 % DBE participation required
8. Letting of June 5, 2020
Letting Call: 2006 032
Project: M 13082-209954
Local Agreement:
Start Date: July 20, 2020
Completion Date: October 1, 2020
- Prequalification Level:
\$528,000.00
- Hot mix asphalt overlay, full depth deck and pier patching, concrete surface coating and pavement markings on 8 bridges, Calhoun and Kalamazoo Counties.
- 0.00 % DBE participation required
9. Letting of June 5, 2020
Letting Call: 2006 033
Project: M 58034-210129
Local Agreement:
Start Date: June 1, 2020
Completion Date: July 13, 2020
- Prequalification Level:
\$525,000.00
- 4.16 mi of concrete pavement repairs and pavement markings on US-23 from School Road to Ida Center Road, Monroe County.
- 0.00 % DBE participation required
10. Letting of June 5, 2020
Letting Call: 2006 034
Project: M 25042-210208
Local Agreement:
Start Date: July 13, 2020
Completion Date: September 11, 2020
- Prequalification Level:
\$1,089,000.00
- 0.95 mi of hot mix asphalt cold milling and resurfacing, concrete pavement and joint repairs, drainage work and pavement markings on I-69 and US-23 at various locations, Genesee County.
- 0.00 % DBE participation required

11. Letting of June 5, 2020
Letting Call: 2006 054
Project: EDD 37000-206709
Local Agreement: 20-5205
Start Date: 10 days after award
Completion Date: September 11, 2020

Prequalification Level:
\$557,000.00

0.16 mi of hot mix asphalt surface removal and resurface, concrete curb, gutter and sidewalk and pavement markings on Wright Avenue from Fourth Street to Chippewa Street in the village of Shepherd, Isabella County. This is a Local Agency project.

0.00 % DBE participation required

12. Letting of June 5, 2020
Letting Call: 2006 056
Project: M 38111-210144
Local Agreement:
Start Date: July 21, 2020
Completion Date: September 25, 2020

Prequalification Level:
\$1,280,000.00

3.77 mi of hot mix asphalt cold milling and single course resurfacing, detail 7 joint repairs and pavement markings on US-127 from US-12 to Liberty Road, Hillsdale, Jackson and Lenawee Counties.

0.00 % DBE participation required

13. Letting of June 5, 2020
Letting Call: 2006 057
Project: NH 15091-130013
Local Agreement:
Start Date: September 14, 2020
Completion Date: October 29, 2021

Prequalification Level:
\$5,205,000.00

1.26 mi of hot mix asphalt reconstruction and resurfacing, sidewalk construction, storm sewer, culverts, concrete curb and gutter, guardrail, signing and pavement markings on US-131 from Cherry Hill Road northerly to north of Thumb Lake Road in the village of Boyne Falls, Charlevoix County. This project includes one 3 year and one 5-year materials and workmanship pavement warranty.

4.00 % DBE participation required

DESIGN|BUILD TRUNKLINE CONTRACTS

14. Letting of July 24, 2020
Letting Call: 2007 701
Project: IM 23061-115095, etc.
Local Agreement:
Start Date: 10 days after award
Completion Date: 777 Calendar Days
- Prequalification Level:
\$217,724,000.00

Design-Build project: 24.58 mi of pavement reconstruction, concrete patching, drainage, permanent signing, pavement markings, bridge reconstruction, bridge rehabilitation including deep overlay, deck patching, substructure patching, barrier repair and approach work on I-69 from I-94 to Island Highway, Calhoun and Eaton Counties. This project includes a 2-year bridge painting warranty, a 5-year epoxy overlay warranty, and a 2-year warranty on concrete surface coating. Alternate 1 (section 2) is an HMA alternative and contains a 5-year materials and workmanship pavement warranty. Alternate 2 (section 3) is a concrete alternate and contains a 5-year materials and workmanship pavement warranty. Only shortlisted contractors are eligible to bid on this project.

5.00 % DBE participation required

LOCAL AGENCY CONTRACTS

15. Letting of June 5, 2020
Letting Call: 2006 003
Project: STU 82000-205931
Local Agreement: 20-5185
Start Date: 10 days after award
Completion Date: December 31, 2020
- Prequalification Level:
\$15,413,000.00

14.90 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps and pavement markings on various routes in the city of Detroit, Wayne County. This is a Local Agency project.

5.00 % DBE participation required

16. Letting of June 5, 2020
Letting Call: 2006 004
Project: STU 41000-130611
Local Agreement: 20-5186
Start Date: July 6, 2020
Completion Date: October 29, 2021
- Prequalification Level:
\$760,000.00

0.27 mi of hot mix asphalt milling and resurfacing, concrete curb and gutter, drainage, landscaping and pavement markings on Lake Drive from Atlas Avenue to the east city limits of Grand Rapids in the city of Grand Rapids, Kent County. This is a Local Agency project.

4.00 % DBE participation required

17. Letting of June 5, 2020
Letting Call: 2006 007
Project: STU 50000-206484
Local Agreement: 20-5206
Start Date: 10 days after award
Completion Date: June 11, 2021
- Prequalification Level:
\$5,060,000.00

1.30 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on 19 Mile Road from Clinton River Road east to Schoenherr Road in the city of Sterling Heights, Macomb County. This is a Local Agency project. This project includes a 3-year Local Agency Program Warranty.

5.00 % DBE participation required

18. Letting of June 5, 2020
Letting Call: 2006 018
Project: STUL 70000-130779
Local Agreement: 20-5184
Start Date: 10 days after award
Completion Date: August 14, 2020
- Prequalification Level:
\$1,201,000.00

2.66 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps and pavement marking on Lakeshore Drive from Rosy Mound Drive to Buchanan Street, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

19. Letting of June 5, 2020
Letting Call: 2006 019
Project: STU 50000-206486
Local Agreement: 20-5169
Start Date: 10 days after award
Completion Date: November 15, 2020
- Prequalification Level:
\$4,083,000.00

1.67 mi of hot mix asphalt cold milling and resurfacing, concrete base repairs, concrete removal, replacement with non-reinforced concrete with integrated curb and gutter, drainage structure repairs, sidewalk ramps and pavement markings on Martin Road from Groesbeck Highway to Groveland Street, Martin Road from Groveland Street to Gratiot Avenue and Utica Road from Gratiot Avenue to Martin Road in the city of Roseville, Macomb County. This is a Local Agency project.

4.00 % DBE participation required

20. Letting of June 5, 2020
Letting Call: 2006 020
Project: CMG 13405-120752
Local Agreement: 20-5191
Start Date: July 15, 2020
Completion Date: April 1, 2021
- Prequalification Level:
\$542,000.00

Signal modernization with concrete sidewalk and ramps on Capital Avenue NE at Van Buren Street and Main Street at Cliff Street in the city of Battle Creek, Calhoun County. This is a Local Agency project.

0.00 % DBE participation required

21. Letting of June 5, 2020
Letting Call: 2006 024
Project: STU 70000-205678
Local Agreement: 20-5188
Start Date: 10 days after award
Completion Date: August 14, 2020
- Prequalification Level:
\$1,375,000.00

2.94 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulder, sidewalk ramps and pavement markings on Riley Street from 32nd Avenue easterly to 8th Avenue, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

22. Letting of June 5, 2020
Letting Call: 2006 026
Project: STG 82000-205636
Local Agreement: 20-5197
Start Date: 10 days after award
Completion Date: June 15, 2021
- Prequalification Level:
\$1,387,000.00

Application of pavement markings on various roads, railroad crossings and intersections in the city of Detroit, Wayne County. This is a Local Agency project.

0.00 % DBE participation required

23. Letting of June 5, 2020
Letting Call: 2006 027
Project: STUL 11000-130865
Local Agreement: 20-5194
Start Date: 10 days after award
Completion Date: October 20, 2020
- Prequalification Level:
\$873,000.00

0.93 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Napier Avenue from Colfax Avenue to east of Union Avenue, Berrien County. This is a Local Agency project.

3.00 % DBE participation required

24. Letting of June 5, 2020
Letting Call: 2006 028
Project: STL 38000-129896
Local Agreement: 20-5181
Start Date: June 15, 2020
Completion Date: November 15, 2020

Prequalification Level:
\$655,000.00

0.49 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps and pavement markings on Marshall Street from North Main Street (M-50) to Constitution Avenue in the village of Brooklyn, Jackson County. This is a Local Agency project.

4.00 % DBE participation required

25. Letting of June 5, 2020
Letting Call: 2006 029
Project: STU 70000-130595
Local Agreement: 20-5214
Start Date: 10 days after award
Completion Date: August 14, 2020

Prequalification Level:
\$1,070,000.00

2.48 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, bridge deck waterproofing and pavement markings on Port Sheldon Street from 44th Street to Main Street, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

26. Letting of June 5, 2020
Letting Call: 2006 030
Project: STL 70555-129687
Local Agreement: 20-5202
Start Date: 10 days after award
Completion Date: August 27, 2020

Prequalification Level:
\$1,450,000.00

3.00 mi of hot mix asphalt cold milling and resurfacing, trenching, shoulder widening, bridge deck surfacing and pavement markings on Adams Street from 48th Avenue east to 24th Avenue, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

27. Letting of June 5, 2020
Letting Call: 2006 031
Project: EDCF 41000-206391
Local Agreement: 20-5210
Start Date: 10 days after award
Completion Date: October 31, 2020

Prequalification Level:
\$991,000.00

0.99 mi of hot mix asphalt base crushing, shaping, resurfacing and widening and pavement markings on 68th Street from Burlingame Avenue to Clyde Park Avenue, Kent County. This is a Local Agency project.

3.00 % DBE participation required

28. Letting of June 5, 2020
Letting Call: 2006 037
Project: STUL 73000-130425
Local Agreement: 20-5229
Start Date: July 6, 2020
Completion Date: November 15, 2020
- Prequalification Level:
\$1,008,000.00
- 0.22 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, aggregate base, storm sewer and pavement markings on Freeland Road at River Road, Saginaw County. This is a Local Agency project.
- 4.00 % DBE participation required
29. Letting of June 5, 2020
Letting Call: 2006 038
Project: STU 50000-206438
Local Agreement: 20-5195
Start Date: 10 days after award
Completion Date: November 15, 2020
- Prequalification Level:
\$1,377,000.00
- 0.51 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb and gutter and pavement markings on 10 Mile Road from I-94 to Kelly Road, Macomb County. This is a Local Agency project.
- 4.00 % DBE participation required
30. Letting of June 5, 2020
Letting Call: 2006 040
Project: STUL 44000-209447
Local Agreement: 20-5222
Start Date: 10 days after award
Completion Date: May 28, 2021
- Prequalification Level:
\$967,000.00
- 0.49 mi of hot mix asphalt base crush, shape and resurfacing, concrete curb and gutter and pavement markings on Millville Road from Genesee Street to Oregon Road in the city of Lapeer, Lapeer County. This is a Local Agency project.
- 4.00 % DBE participation required
31. Letting of June 5, 2020
Letting Call: 2006 043
Project: HRRR 06000-207217
Local Agreement: 20-5230
Start Date: 10 days after award
Completion Date: June 18, 2021
- Prequalification Level:
\$531,000.00
- 1.05 mi of hot mix asphalt crush, shape and resurfacing, culverts, drainage, guardrail, signing and pavement markings on Pine River Road from east LaClair Road to the Pine River, Arenac County. This is a Local Agency project.
- 3.00 % DBE participation required

32. Letting of June 5, 2020
Letting Call: 2006 044
Project: STU 23000-129911
Local Agreement: 20-5183
Start Date: 10 days after award
Completion Date: August 13, 2021
- Prequalification Level:
\$551,000.00
- 2.00 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter and pavement markings on Michigan Avenue from Creyts Road to Waverly Road, Eaton County. This is a Local Agency project.
- 4.00 % DBE participation required
33. Letting of June 5, 2020
Letting Call: 2006 045
Project: STUL 38000-207164
Local Agreement: 20-5211
Start Date: 10 days after award
Completion Date: November 15, 2020
- Prequalification Level:
\$1,360,000.00
- 3.00 mi of hot mix asphalt resurfacing, shoulder widening, ditching, replace driveway culverts and pavement markings on King Road from Mathews Road to M-60, Jackson County. This is a Local Agency project.
- 4.00 % DBE participation required
34. Letting of June 5, 2020
Letting Call: 2006 046
Project: STL 79000-206185
Local Agreement: 20-5198
Start Date: 10 days after award
Completion Date: October 16, 2020
- Prequalification Level:
\$628,000.00
- 4.53 mi of hot mix asphalt resurfacing, aggregate shoulders, guardrail upgrades and pavement markings on Hurds Corner Road from Deckerville Road north to M-81, Tuscola County. This is a Local Agency project.
- 3.00 % DBE participation required
35. Letting of June 5, 2020
Letting Call: 2006 049
Project: EDC 41000-130581
Local Agreement: 20-5209
Start Date: August 15, 2020
Completion Date: May 28, 2021
- Prequalification Level:
\$2,247,000.00
- 0.98 mi of hot mix asphalt resurfacing and widening, storm sewer, concrete curb, gutter and ramps and pavement markings on 84th Street from Division Avenue to Eastern Avenue, Kent County. This is a Local Agency project.
- 0.00 % DBE participation required

36. Letting of June 5, 2020
Letting Call: 2006 050
Project: EDF 46000-133173, etc.
Local Agreement: 20-5207
Start Date: 10 days after award
Completion Date: September 15, 2020
- Prequalification Level:
\$958,000.00
- 1.84 mi of hot mix asphalt cold milling, reclamation and resurfacing, concrete curb, gutter and sidewalk ramps and pavement markings on Macon Highway from North Evans Street to Grange Hall Road and South Evans Street from Russell Road to Chicago Boulevard (M-50) in the city of Tecumseh, Lenawee County. This is a Local Agency project.
- 4.00 % DBE participation required
37. Letting of June 5, 2020
Letting Call: 2006 051
Project: STL 03555-129676
Local Agreement: 20-5223
Start Date: September 7, 2020
Completion Date: November 13, 2020
- Prequalification Level:
\$1,440,000.00
- 3.21 mi of hot mix asphalt, crush, shape and resurface, approaches, shoulders and pavement markings on Blue Star Highway from south of Point Betsie Drive to north of 111th Avenue, Allegan County. This is a Local Agency project.
- 3.00 % DBE participation required
38. Letting of June 5, 2020
Letting Call: 2006 053
Project: STUL 59000-132843
Local Agreement: 20-5226
Start Date: 10 days after award
Completion Date: October 30, 2020
- Prequalification Level:
\$860,000.00
- 0.31 mi of hot mix asphalt reconstruction, storm sewer, concrete curb, gutter and sidewalk ramps, signing and pavement markings on Clay Street from Fairplains Street northerly to Union Street in the city of Greenville, Montcalm County. This is a Local Agency project.
- 3.00 % DBE participation required
39. Letting of June 5, 2020
Letting Call: 2006 055
Project: NRT 02000-209964
Local Agreement: 20-5231
Start Date: 10 days after award
Completion Date: November 13, 2020
- Prequalification Level:
\$735,000.00
- Bridge removal and replacement with approach work on Coalwood Rec Trail at Doty River, Alger County. This is a Local Agency project.
- 2.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba
Director

LETTING STATISTICS

MAY 2020

TRUNKLINE CONTRACTS OVERVIEW

The May 1, 6, and 27, 2020, Bid Lettings, included 16 Trunkline contracts with \$15.79 million in total engineer estimates. The low bids received totaled \$17.10 million. The average of low bids received was \$1.16 million and the median of \$812.29 thousand. Of the 16 Trunkline contracts let, five included warranties with \$7.22 million as the low bid total. The Trunkline contracts for the May bid lettings received a total of 44 bids. In comparison to May of 2019 totals, 24 Trunkline contracts were let with total engineer estimates of \$67.07 million and low bid dollars of \$80.85 million. The total number of bids received for the May 2019 lettings was 54.

For fiscal year 2020 to date, 287 Trunkline contracts have been let with a low bid total of \$737.52 million. For the same period of fiscal year 2019, 277 Trunkline contracts were let with the low bid total of \$973.76 million.

ALL PROGRAM AREA CONTRACTS SUMMARY

A total of 71 contracts were let in May of 2020 with 236 bids received. The average number of bids per contract was 3.32.

For the May bid lettings, two contracts were postponed, two contracts were withdrawn, and currently six contracts have resulted in the rejection of all bids.

Of the contracting 111 companies approved to submit bids for the May lettings, 93 submitted at least one bid.

JOB PROJECTIONS

Job projections are Trunkline jobs specific in category and are classified under the work groups of road, bridge, and traffic and safety.

The list of jobs projected to be let during FY 2020 was updated on 5/12/2020 to include a total of 368 jobs with total construction cost estimates of \$845.86 million.

For fiscal year 2020 through the May bid lettings, 99.7% of jobs anticipated for this period have been let using 97.5% of the projected cost estimates. For FY 2019 through May of 2019, 100.0% of jobs were let using 95.6% of the projected construction costs.

UPCOMING LETTING STATS

The **June 5, 2020**, Bid Letting, is advertising 21 Trunkline contracts with total engineer estimates of \$31.27 million. Of the 21 Trunkline contracts, seven include warranties with the total engineer estimates of \$24.37 million. In addition to the Trunkline contracts advertised for this letting, 36 Local Agency contracts with total engineer estimates of \$51.19 million are advertised. Of the 36 Local Agency contracts, one includes warranties with an engineer's estimate of \$5.06 million.

A special bid letting is scheduled for **June 10, 2020** advertising one Fixed Price Variable Scope Trunkline contract with \$598.3 thousand as the contract price. This contract includes a warranty.

A **June 19, 2020**, Special Letting is advertising one DesignBuild Trunkline contract with \$135.0 million as the engineer's estimate. This contract includes warranties.

MAY 2020 LETTING SUMMARY

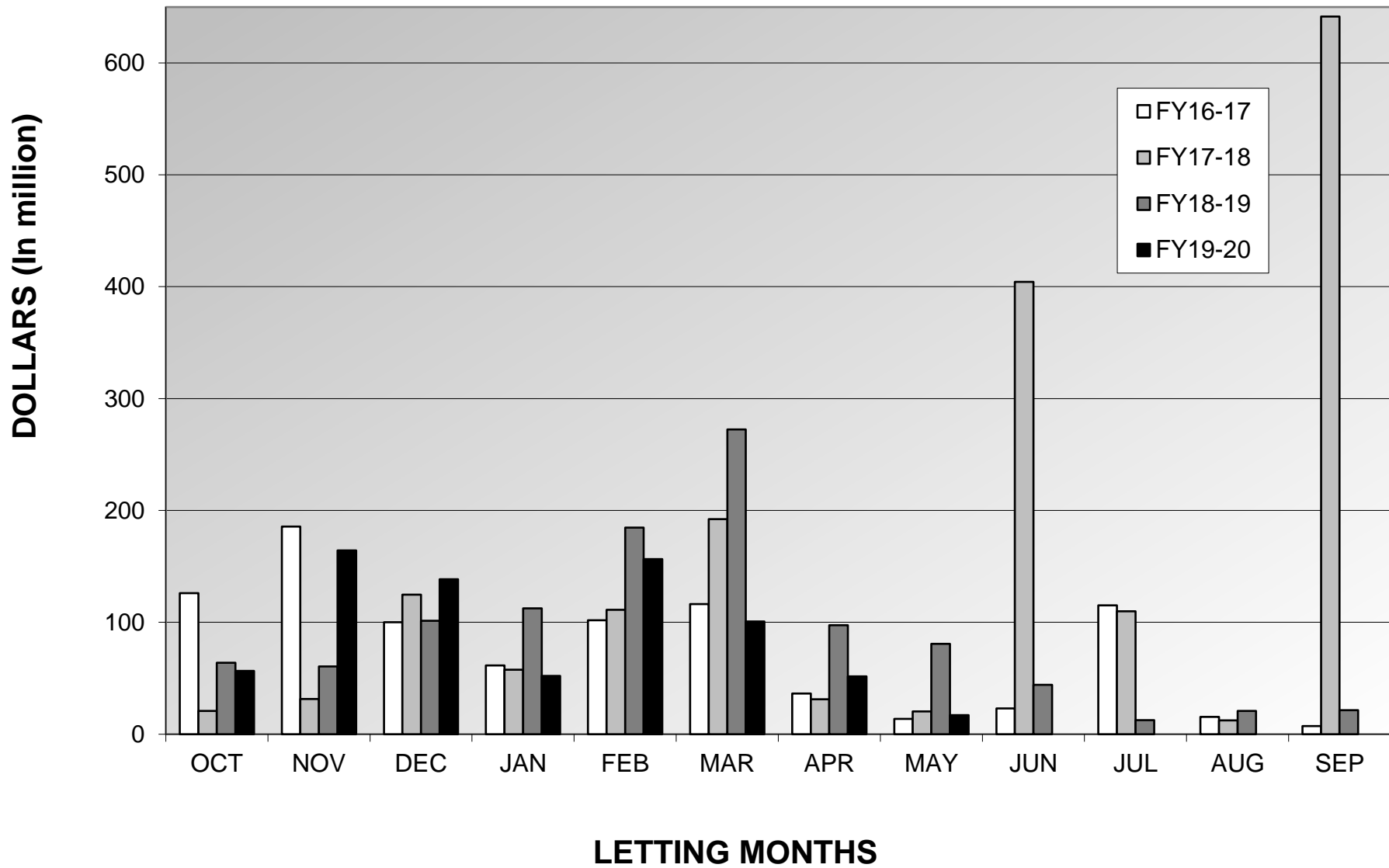
STATISTICS	PROGRAM AREA				
	TRUNKLINE	LOCAL AGENCY	AERONAUTICS	FREIGHT SERVICES	TOTALS
Project Report					
Number of Contracts Let	16	55	0	0	71
Engineer Estimates of Contracts Let	\$15,786,297.91	\$65,506,726.99	\$0.00	\$0.00	\$81,293,024.90
Low Bid Report					
Low Bid Total	\$17,101,635.73	\$65,046,055.68	\$0.00	\$0.00	\$82,147,691.41
% over/under Engineer's Estimate	8.33%	-0.70%	0.00%	0.00%	1.05%
All Bids Rejected Report					
Number of Contracts - All Bids Rejected	1	5	0	0	6
Engineer Estimate Total	\$1,215,228.93	\$3,751,196.05	\$0.00	\$0.00	\$4,966,424.98
Low Bid Total	\$3,066,175.37	\$4,963,777.75	\$0.00	\$0.00	\$8,029,953.12
% over/under Engineer's Estimate	152.31%	32.33%	0.00%	0.00%	61.68%
Low Bids Pending					
Number of To Be Announced Contracts	0	0	0	0	0
Engineer Estimate Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Low Bid total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
% over/under Engineer's Estimate	0.00%	0.00%	0.00%	0.00%	0.00%
Bidder (Bids) Report					
Number of Bids Received	44	192	0	0	236
Average # of Bidders per Project	2.75	3.49	0.00	0.00	3.32

UPCOMING LETTING PROJECTIONS

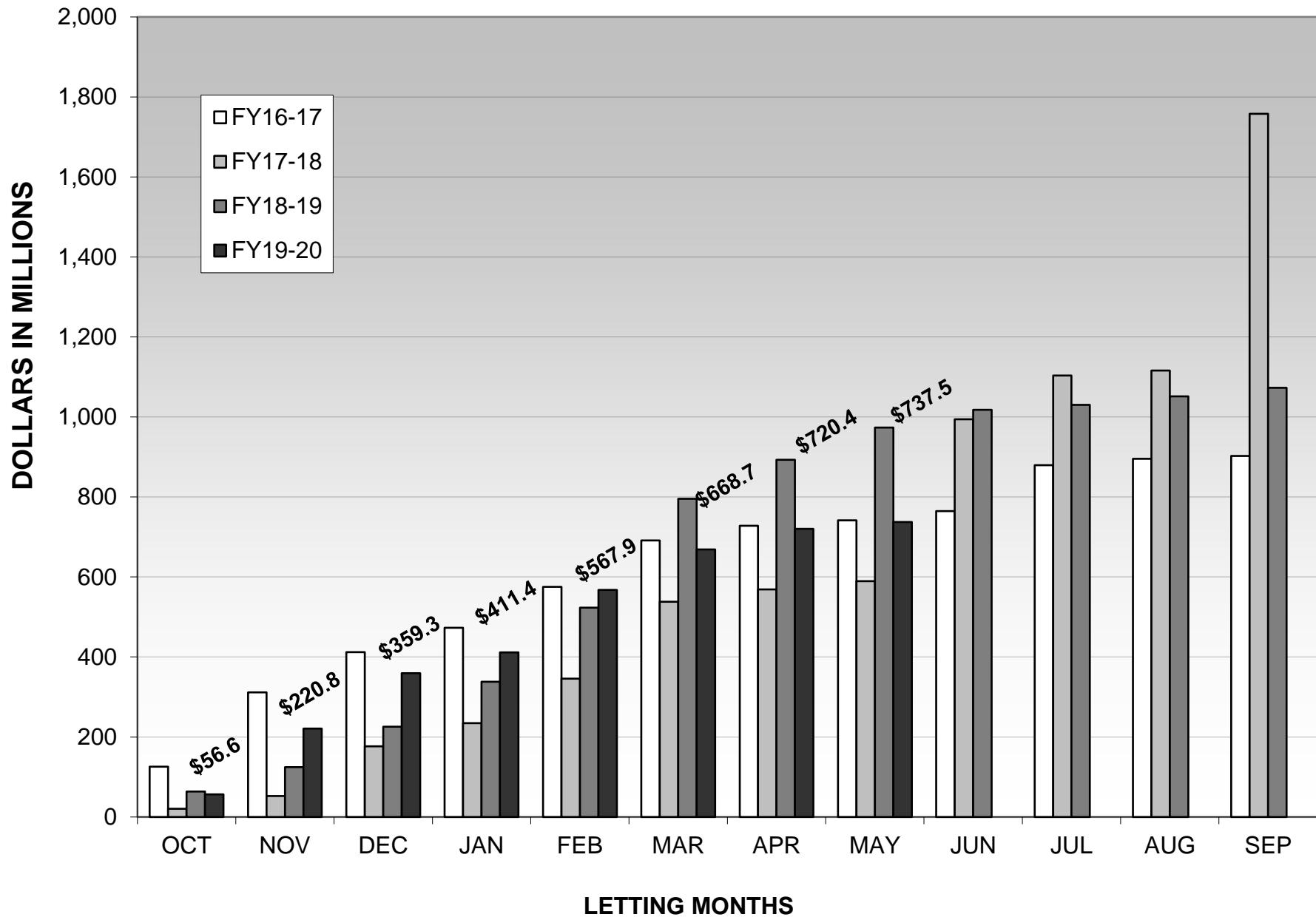
LETTING DATES	<u>Trunkline</u>	<u>Local Agency</u>	<u>Aeronautics</u>	<u>Freight Services</u>	<u>Total</u>
June 5, 2020, Bid Letting					
# of Contracts Advertised	21	36	0	0	57
# of Contracts with Warranties	7	1	0	0	8
\$ Engineer Estimates of Contracts Advertised (In million)	\$31.3	\$51.19	\$0.00	\$0.00	\$82.46
\$ Engineer Estimates of Warranty Contracts (In million)	\$24.4	\$5.06	\$0.00	\$0.00	\$29.43
June 10, 2020, FPVS Special Bid Letting					
# of Contracts Advertised	1	0	0	0	1
# of Contracts with Warranties	1	0	0	0	1
\$ Engineer Estimates of Contracts Advertised (In thousand)	\$598.3	\$0.00	\$0.00	\$0.00	\$598.30
\$ Engineer Estimates of Warranty Contracts (In thousand)	\$598.3	\$0.00	\$0.00	\$0.00	\$598.30
June 19, 2020, Special Bid Letting					
# of Contracts Advertised	1	0	0	0	1
# of Contracts with Warranties	1	0	0	0	1
\$ Engineer Estimates of Contracts Advertised (In million)	\$135.0	\$0.00	\$0.00	\$0.00	\$135.00
\$ Engineer Estimates of Warranty Contracts (In million)	\$135.0	\$0.00	\$0.00	\$0.00	\$135.00

MDOT LETTINGS

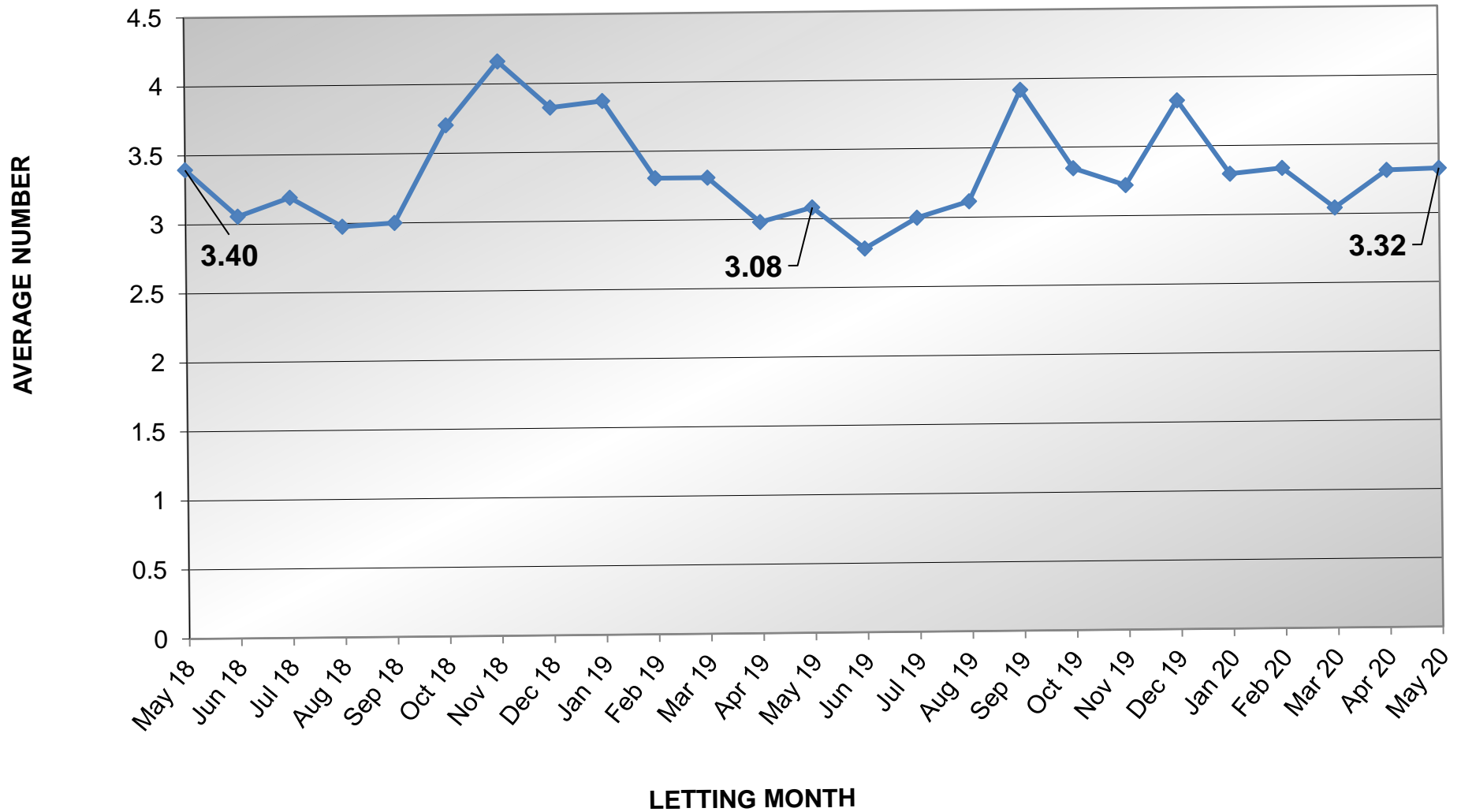
TRUNKLINE CONTRACTS - Dollars per month



MDOT LETTINGS CUMULATIVE YTD TRUNKLINE CONTRACTS DOLLARS



AVERAGE NUMBER OF BIDDERS MAY 2018 - MAY 2020



NUMBER OF BIDS - BY REGION

MAY 2020

REGION	NO BIDS	1 BID	2 BIDS	3 BIDS	4 BIDS	5 BIDS	6 BIDS	7 BIDS	8 BIDS	9 BIDS	=>10 BIDS	CONTRACTS BY REGION
BAY		1	3	5	3	1	2					15
GRAND			5		2	4	1		1			13
METRO		1		3	2	4						10
NORTH		1	4	2	2							9
SOUTHWEST		1	1	5	1	1		1				10
SUPERIOR		1	2	3	2							8
UNIVERSITY			3	2	1							6
NUMBER OF PROJECTS	0	5	18	20	13	10	3	1	1	0	0	71

DATE: May 18, 2020

TO: State Transportation Commission

FROM: Jack Cotter, CPA, CGMA
Commission Auditor
Office of Commission Audits

SUBJECT: Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

Signed Original on File

Jack Cotter, CPA, CGMA
Commission Auditor

Attachments

cc: T. Hagon

DATE: April 21, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020

Project Description: 0.19 mi of hot mix asphalt road resurfacing, culvert removal and replacement with 3-sided box culvert on Bohemian Road (County Road 669) at Shalda Creek, Leelanau County.

Project Number: 45000-202601

Item Number: 2004 090

Low Bidder: J. E. Kloote Contracting, Inc.

Eng. Est: \$510,154.00 Low Bid: \$618,974.18 Difference: \$108,820.18 Percent: 21.33

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$510,154.00
J. E. Kloote Contracting, Inc.	\$618,974.18
Elmer's Crane and Dozer, Inc.	\$660,683.51
Miller Development, Inc.	\$709,657.38

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate are culvert items for removal, the three-sided culvert, piles, and substructure concrete. These items were bid higher than normal due to site conditions for the culvert replacement that exhibit soft soils and high-water elevations. It is anticipated that these conditions will require additional effort to construct the substructure concrete, install the piles, and construct dewatering operations. Furthermore, the project is located on a dead-end road and access is only allowed from one side. This condition makes all aspects of construction more difficult and time consuming than if access from both sides was possible. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of site conditions and project location, restricting construction access and limiting production. This project received three bids ranging from \$618,974.18 to \$709,657.38, which varied by 14.65 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Leelanau County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
J. O'Leary	K. Kirkpatrick	T. Sauter	T. Avramenko	D. Spencley
D. Pax	G. Deans	S. Thayer	M. Chynoweth	

BOD:DD:QA:MJI:raw

DATE: May 5, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 1, 2020

Project Description: Bridge rehabilitation including PCI-Beam repair on 4 structures and steel beam repair on 4 structures on various routes in the cities of Wyoming and Grand Rapids, Allegan, Kent and Ottawa Counties.

Project Number: 41131-20975

Item Number: 2005 009

Low Bidder: Anlaan Corporation

Eng. Est: \$700,520.51 Low Bid: \$847,234.06 Difference: \$146,713.55 Percent: 20.94

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 700,520.51
Anlaan Corporation	\$ 847,234.06
C.A. Hull Co., Inc.	\$1,162,419.96

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were heat straightening steel; steel structure, cleaning, partial; steel structure, coating, partial; and minor traffic devices. These items were bid higher than normal due to multiple sites and maintaining traffic restrictions. This rehabilitation project involves non-standard high load hit repairs at eight structures across three counties and will require multiple mobilizations. Additionally, work is not allowed on more than two locations at the same time. There are also various daily and hourly restrictions for when lane and ramp closures can occur. These conditions limit productivity, increasing costs. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of multiple sites and maintaining traffic restrictions. This project received two bids of \$847,234.06 and \$1,162,419.96, which varied by 37.20 percent. We believe that rejecting this bid and re-

May 5, 2020

letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Grand Region Office request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
M. Irish	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
T. Sauter	J. O'Leary	T. Avramenko	K. Kirkpatrick	M. Chynoweth
J. DeRuyver	S. Rozema	E. Kind	T. Pawlukiewicz	

BOD:DD:QA: DLP:raw

DATE: May 18, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 1, 2020

Project Description: 0.61 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, storm sewer, signing, pedestrian safety improvements and pavement markings on South Straits Highway from Dorothy Avenue to River Street, Cheboygan County.

Project Number: 16000-208869

Item Number: 2005 018

Low Bidder: Elmer's Crane and Dozer, Inc.

Eng. Est: \$1,559,735.50 Low Bid: \$1,857,420.33 Difference: \$297,684.83 Percent: 19.09

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,559,735.50
Elmer's Crane and Dozer, Inc.	\$1,857,420.33
Rieth-Riley Construction Co., Inc.	\$2,080,503.68

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate are station grading, aggregate base, hot mix asphalt items, concrete driveway and sidewalk items, and decorative lights. These items were bid higher than normal for station grading, aggregate base, and hot mix asphalt items because of the difficult construction accessibility, maintain traffic constraints, and driveway and side-street accessibility, limiting production. This project, located in a downtown urban setting, has multiple commercial driveways and intersecting streets. The existing roadway width varies along the project with two travel lanes and parking on one or both sides of the street. Construction vehicles are only allowed to access the work zone at specific locations while maintaining bi-directional traffic through side-streets. In addition, the concrete driveway and sidewalk items were higher due to the requirements that driveways must be constructed part-width and include the placement of temporary aggregate to maintain access, limiting production. Furthermore, decorative lighting is included, and the project schedule provides a short lead time to order and manufacture the specialty lights, increasing the cost. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

May 18, 2020

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the urban downtown setting, maintaining traffic, limited workspace and unique and specialty pay items. This project received two bids of \$1,857,420.33 and \$2,080,503.68 which varied by 12.01%. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Cheyboygan County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
J. O'Leary	K. Kirkpatrick	T. Sauter	T. Avramenko	L. Johnson
J. Kramer	G. Deans	S. Thayer		

BOD:DD:QA:MJI:raw

DATE: May 8, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 1, 2020

Project Description: 0.01 mi of single lane roundabout, hot mix asphalt resurfacing, shoulder widening, pavement markings and bridge reconstruction with a four sided culvert and approach work on Miller Road at Wagner Road and Miller Road over Honey Creek, Washtenaw County.

Project Number: 81000-202458

Item Number: 2005 020

Low Bidder: Fonson Company, Inc.

Eng. Est: \$1,796,610.30 Low Bid: \$2,233,735.50 Difference: \$437,125.20 Percent: 24.33

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,796,610.30
Fonson Company, Inc.	\$2,233,735.50
DiPonio Contracting, Inc.	\$2,271,009.32
E.T. MacKenzie Company	\$2,292,213.49
Miller Bros. Const., Inc.	\$2,591,378.04

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate were roadway grading, hot mix asphalt items, aggregate base, and box culvert construction items. This project is defined in two phases: roundabout construction and box culvert replacement. These two work types are separated by a 1,700-foot road section that will be pulverized and resurfaced by the local agency and includes many residential driveways. Coordination of construction operations must be maintained with the local agency work operations while maintaining access to all residential driveways. These conditions create challenges, are time consuming and less productive, which lead to an increase in the road construction items for roadway grading, hot mix asphalt items, and aggregate base. The box culvert construction items are foundation excavation, cofferdams, structure backfill, concrete box, and riprap. There is a short timeframe between concrete box fabrication, commencing construction, and completion. The pay items associated with the box culvert were bid higher because of the short duration which requires expedited fabrication of the box to

complete construction. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of required coordination with local agency work, maintaining residential access, and concrete box construction schedule. This project received four bids, ranging from \$2,233,735.50 to \$2,591,378.04, which varied by 16.01 percent. However, the top three bidders only varied by 2.62 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Washtenaw County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
J. O'Leary	K. Kirkpatrick	T. Sauter	T. Avramenko	B. Chomas
J. Daavettila	E. Chelotti	D. Parker		

BOD:DD:QA:MJI:raw

DATE: May 6, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 1, 2020

Project Description: 0.78 mi of hot mix asphalt cold milling and resurfacing, replace pedestrian island, concrete sidewalk and ramps and storm sewer on Plymouth Road from Upland Drive to Nixon Road in the City of Ann Arbor, Washtenaw County.

Project Number: 81000-203639

Item Number: 2005 040

Low Bidder: Cadillac Asphalt, L.L.C.

Eng. Est: \$820,523.00 Low Bid: \$948,900.00 Difference: \$128,377.00 Percent: 15.65

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$820,523.00
Cadillac Asphalt, L.L.C.	\$948,900.00
Ajax Paving Industries, Inc.	\$1,164,178.09

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling hot mix asphalt surface and hot mix asphalt items. These items were bid higher than normal due to complicated staging and maintaining traffic requirements. The replacement of each pedestrian island must be performed in a specific order, within a limited time period, and followed by multiple stages to complete the cold milling and hot mix asphalt resurfacing work; all while maintaining various lane closures and traffic detours. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of complicated staging and maintaining traffic requirements. This project received two bids of \$948,900.00 and \$1,164,178.09, which varied by 22.69 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Ann Arbor request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
T. Sauter	J. O'Leary	T. Avramenko	K. Kirkpatrick	G. Masinda
D. Garcia	E. Chelotti	D. Parker		

BOD:DD:QA:RWC:raw

DATE: May 6, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: May 1, 2020

Project Description: 0.79 mi of hot mix asphalt pavement, aggregate base, subbase, concrete curb, gutter, sidewalk and ramps, drainage structures, storm sewer, signing, landscaping and pavement markings on Hall Street from Fuller Avenue to Colorado Avenue, from Kalamazoo Avenue to Fuller Avenue, and from Colorado Avenue to Sylvan Avenue in the City of Grand Rapids, Kent County.

Project Number: 41000-130600

Item Number: 2005 276

Low Bidder: Kamminga & Roodvoets, Inc.

Eng. Est: \$3,204,506.50 Low Bid: \$3,548,992.25 Difference: \$344,485.75 Percent: 10.75

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$3,204,506.50
Kamminga & Roodvoets, Inc.	\$3,548,992.25
Georgetown Construction Company	\$3,869,943.80
Diversco Construction Company, Inc.	\$3,923,500.49
Nagel Construction, Inc.	\$3,986,321.25
Wyoming Excavators, Inc.	\$4,040,699.20

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were aggregate base, 8-inch, modified; minor traffic devices; water service, 1 inch and permeable interlocking unit paver pavement. These items were bid higher than normal due to maintaining traffic constraints, coordination concerns, and unique specialty work. The maintaining traffic requires multiple phase construction to provide adequate access to businesses. In addition, the contractor must coordinate with private utilities in order to complete the work, increasing costs. Furthermore, the water services work must also be coordinated with the city contractor for any potential schedule conflicts, increasing costs. Also, the permeable interlocking unit paver pavement is a unique item of specialty work with no bid

history, making it difficult to accurately determine the cost. The local agency estimator considered factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of maintaining traffic constraints, coordination concerns, and unique specialty work. This project received five bids, ranging from \$3,548,992.25 to \$4,040,699.20, which varied by 13.85 percent. The two lowest bids varied by 9.04 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Grand Rapids request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
T. Sauter	J. O'Leary	T. Avramenko	K. Kirkpatrick	G. Masinda
K. Stein	S. Rozema	E. Kind		

BOD:DD:QA:RWC:raw

REQUEST FOR MICHIGAN STATE
TRANSPORTATION COMMISSION APPROVAL
LETTING EXCEPTIONS AGENDA

May 28, 2020

TRUNKLINE CONTRACTS

1. Letting of May 1, 2020
 Letting Call: 2005 005
 Project: STG 14061-200366
 Local Agreement: 19-5298, 20-5069
 Start Date: October 19, 2020
 Completion Date: May 27, 2021
- Low Bid: **\$2,131,471.05**
 Engineer Estimate: \$2,111,886.40
 Pct Over/Under Estimate: 0.93 %

Traffic signal modernizations, sidewalk ramp upgrades and ITS/connected vehicle installation on various routes in the cities of New Buffalo, Niles and Dowagiac, Berrien, Cass and Kalamazoo Counties.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
J. Ranck Electric, Inc.	\$2,131,471.05	Same	1 **

Total Number of Bidders: 1

2. Letting of May 1, 2020
 Letting Call: 2005 009
 Project: M 41131-209675
 Local Agreement:
 Start Date: 10 days after award
 Completion Date: November 15, 2020
- Low Bid: **\$847,234.06**
 Engineer Estimate: \$700,520.51
 Pct Over/Under Estimate: 20.94 %

Bridge rehabilitation including PCI-Beam repair on 4 structures and steel beam repair on 4 structures on various routes in the cities of Wyoming and Grand Rapids, Allegan, Kent and Ottawa Counties.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Anlaan Corporation	\$847,234.06	Same	1 **
C. A. Hull Co., Inc.	\$1,162,419.96	Same	2

Total Number of Bidders: 2

LOCAL AGENCY CONTRACTS

3. Letting of April 3, 2020
Letting Call: 2004 090
Project: STL 45000-202601, etc.
Local Agreement: 20-5090
Start Date: 10 days after award
Completion Date: August 28, 2020
- Low Bid: **\$618,974.18**
Engineer Estimate: \$510,154.00
Pct Over/Under Estimate: 21.33 %

0.19 mi of hot mix asphalt road resurfacing, culvert removal and replacement with 3-sided box culvert on Bohemian Road (County Road 669) at Shalda Creek, Leelanau County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
J. E. Kloote Contracting, Inc.	\$618,974.18	Same	1 **
Elmer's Crane and Dozer, Inc.	\$660,683.51	Same	2
Miller Development, Inc.	\$709,657.38	Same	3

Total Number of Bidders: 3

4. Letting of May 1, 2020
Letting Call: 2005 018
Project: TAL 16000-208869
Local Agreement: 20-5129
Start Date: 10 days after award
Completion Date: September 19, 2022
- Low Bid: **\$1,857,420.33**
Engineer Estimate: \$1,559,735.50
Pct Over/Under Estimate: 19.09 %

0.61 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, storm sewer, signing, pedestrian safety improvements and pavement markings on South Straits Highway from Dorothy Avenue to River Street, Cheboygan County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Elmer's Crane and Dozer, Inc.	\$1,857,420.33	Same	1 **
Rieth-Riley Construction Co., Inc.	\$2,080,503.68	Same	2

Total Number of Bidders: 2

5. Letting of May 1, 2020
 Letting Call: 2005 020
 Project: MCS 81000-202458, etc.
 Local Agreement: 20-5118
 Start Date: 10 days after award
 Completion Date: October 31, 2020
- Low Bid: **\$2,233,735.50**
 Engineer Estimate: \$1,796,610.30
 Pct Over/Under Estimate: 24.33 %

0.01 mi of single lane roundabout, hot mix asphalt resurfacing, shoulder widening, pavement markings and bridge reconstruction with a four-sided culvert and approach work on Miller Road at Wagner Road and Miller Road over Honey Creek, Washtenaw County. This is a Local Agency project.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Fonson Company, Inc.	\$2,233,735.50	Same	1 **
DiPonio Contracting, Inc.	\$2,271,009.32	Same	2
E.T. MacKenzie Company	\$2,292,213.49	Same	3
Miller Bros. Const., Inc.	\$2,591,378.04	Same	4

Total Number of Bidders: 4

6. Letting of May 1, 2020
 Letting Call: 2005 040
 Project: NH 81000-203639
 Local Agreement: 20-5107
 Start Date: May 18, 2020
 Completion Date: August 31, 2020
- Low Bid: **\$948,900.00**
 Engineer Estimate: \$820,523.00
 Pct Over/Under Estimate: 15.65 %

0.78 mi of hot mix asphalt cold milling and resurfacing, replace pedestrian island, concrete sidewalk and ramps and storm sewer on Plymouth Road from Upland Drive to Nixon Road in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Cadillac Asphalt, L.L.C.	\$948,900.00	Same	1 **
Ajax Paving Industries, Inc.	\$1,164,178.09	Same	2

Total Number of Bidders: 2

7. Letting of May 1, 2020
Letting Call: 2005 276
Project: STU 41000-130600
Local Agreement: 20-5106
Start Date: September 1, 2020
Completion Date: July 1, 2022

Low Bid: **\$3,548,992.25**
Engineer Estimate: \$3,204,506.50
Pct Over/Under Estimate: 10.75 %

0.79 mi of hot mix asphalt pavement, aggregate base, subbase, concrete curb, gutter, sidewalk and ramps, drainage structures, storm sewer, signing, landscaping and pavement markings on Hall Street from Fuller Avenue to Colorado Avenue, from Kalamazoo Avenue to Fuller Avenue and from Colorado Avenue to Sylvan Avenue in the city of Grand Rapids, Kent County. This is a Local Agency project.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Kamminga & Roodvoets, Inc.	\$3,548,992.25	Same	1 **
Georgetown Construction Company	\$3,869,943.80	Same	2
Diversco Construction Company, Inc.	\$3,923,500.49	Same	3
Nagel Construction, Inc.	\$3,986,321.25	Same	4
Wyoming Excavators, Inc.	\$4,040,699.20	Same	5

Total Number of Bidders: 5

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba, P.E.
Director

INFORMATION FOR MICHIGAN STATE
TRANSPORTATION COMMISSION

May 28, 2020

The following project information is being provided for informational purposes, as requested by the State Transportation Commission.

TRUNKLINE CONTRACT

- | | | |
|----|---|---|
| 1. | Letting of May 1, 2020
Letting Call: 2005 065
Project: ST 63000-201933
Local Agreement:
Start Date: 10 days after award
Completion Date: August 30, 2020 | Low Bid: \$193,324.50
Engineer Estimate: \$126,861.82
Pct Over/Under Estimate: 52.39 % |
|----|---|---|

Hot mix asphalt micro surfacing, pavement repairs, crack fill and pavement markings on Sashabaw Road at I-75, Oakland County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Lois Kay Contracting Co.	\$193,324.50	Same	1 **

Total Number of Bidders: 1

LOCAL AGENCY CONTRACT

2. Letting of May 1, 2020
Letting Call: 2005 004
Project: MCS 44000-202388
Local Agreement: 20-5082
Start Date: June 1, 2020
Completion Date: July 17, 2020

Low Bid: **\$222,927.70**
Engineer Estimate: \$248,394.00
Pct Over/Under Estimate: -10.25 %

0.01 mi of hot mix asphalt reconstruction increase cover over culvert, guardrail and pavement markings on Barnes Road over Squaw Creek Drain, Lapeer County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
T. G. Priehs, LLC	\$222,927.70	Same	1 **

Total Number of Bidders: 1

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba P.E.
Director